INTERNATIONAL SEARCH REPORT

International application No.

PCT/ ES 2005/070017

A. CLASSIFICATION OF SUBJECT MATTER				
IPC ⁷ A61K 31/185, , A61P 35/00, A61P 17/06				
	o International Patent Classification (IPC) or to both	national classification and IPC		
	DS SEARCHED	1 10 11 1 1	•	
Minimum do IPC A6	ocumentation searched (classification system followed by	y olassification symbols)		
Documentati	on searched other than minimum documentation to the e	xtent that such documents are included in th	e fields searched	
Electronic da	ta base consulted during the international search (name	of data base and, where practicable, search to	erms used)	
CIBEPAT	r,epodoc, registry, hcaplus, eme	BASE, BIOSIS, MEDLINE,		
c. pocui	MENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.	
х	NOUR A.F. & SALAM S. Preliminary dobesilate in fibrocystic disease of the Invasive Treatment. 1986, Volume. The whole document.	breast, a pilot study.	1,2,5-7	
x	RUIZ, E. & TEJERINA, T. Calcium dobesilate increases 1,6 endothelium-dependent relaxation in endothelium-injured rabbit aorta. Pharmacological Research. 1998, Volume 38, N° 5, pages 361-366. (abstract) HCAPLUS [on line] [recovered on 02.02.2005]. Recovered from: STN International, Columbus, Ohio (EE.UU.). Access Nr. 1999:6013.			
A	GRABER, R. y col. Calcium dobosilate protects human peripheral 1,2,6 blood mononuclear cells from oxidation and apoptosis. Apoptosis. 1998, Volume 3, N° 1, pages 41-49. (abstract) HCAPLUS [on line] [recovered on 02.02.2005]. Recovered from: STN International, Columbus, Ohio (EE.UU.). Access Nr. 1998:171183.			
Furthe	r documents are listed in the continuation of Box C.	See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance. "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention				
to be of particular relevance "E" earlier document but published on or after the international filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other				
special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other document is considered to involve an inventive steep when the document is considered to involve an inventive steep when the document is considered to involve an inventive steep when the document is				
"P" document published prior to the international filing date but later than the priority date claimed "Comment member of the same patent family				
Date of the	actual completion of the international search	Date of mailing of the international sear	ch report	
	13 June 2005 (13.06.05)	22 June 2005 (22. 06.05)		
Name and m	ailing address of the ISA/	Authorized officer		
	SPTO			
Facsimile No.		Telephone No.		

PATENT COOPERATION TREATY

TRANSLATION From the INTERNATIONAL SEARCHING AUTHORITY To: WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1) Date of mailing 22 JUN 2005 (day/month/year) Applicant's or agent's file reference FOR FURTHER ACTION **PCT183** See paragraph 2 below International application No. International filing date (day/month/year) Priority date (day/month/year) 16.02.2005 17.02.2004 PCT/ES2005/070017 International Patent Classification (IPC) or both national classification and IPC A6K31/185, A61P 35/00, A61P 17/06 INVESTREAD EUROPA, S.L. This opinion contains indications relating to the following items: Box No. I Basis of the opinion Box No. II Priority Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. III Box No. IV Lack of unity of invention Reasoned statement under Rule 43bis. I(a)(i) with regard to novelty, inventive step or industrial Box No. V applicability; citations and explanations supporting such statement Box No. VI Certain documents cited Box No. VII Certain defects in the international application Box No. VIII Certain observations on the international application **FURTHER ACTION** If a demand for international preliminary examination is made, this opinion will be considered to he a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66. Ibis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220. For further details, see notes to Form PCT/ISA/220. Authorized officer Name and mailing address of the ISA/ES Telephone No. Facsimile No.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

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Вох	k No. I	Basis of this opinion
1.		n regard to the language, this opinion has been established on the basis of the international application in the language in which it was a unless otherwise indicated under this item.
		This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under
		Rule 12.3 and 23.1(b)).
2.		n regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed ntion, this opinion has been established on the basis of:
	a.	type of material
		a sequence listing
		table(s) related to the sequence listing
	b.	format of material
		in written format
		in computer readable form
	c.	time of filing/furnishing
		contained in the international application as filed.
		filed together with the international application in computer readable form.
		furnished suhsequently to this Authority for the purposes of search.
3.		In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Add	itional comments:

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Box No. V Reasoned statement under Rule 43bis. I(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
1.	Statement				
	Novelty (N)	Claims	3-4, 8-14	YES	
		Claims	1, 2, 5-7	NO	
	Inventive step (IS)	Claims	3-4, 8-14	YES	
		Claims	1, 2; 5-7	NO	
	Industrial applicability (IA)	Claims	1-14	YES	
		Claims		NO.	

2. Citations and explanations:

Documents taken into consideration:

Doc.	Publication or identification no.	Publication date
D1	Acta Therapeutica, vol. 12, no. 3	1986
D2	Pharmacological Research, vol.	1998
	38, no. 5	

The invention relates to the use of 2,5-dihydroxybenzenesulphonic acid (dobesilate), in particular its calcium and potassium salts, in the treatment of angiodependent diseases and diseases involving a reduction in apoptosis such as cancer and psoriasis.

Document D1 describes the use of calcium dobesilate in the treatment of fibrocystic breast disease, a benign tumour that appears in the last decade of a woman's reproductive life as a result of a hormonal imbalance.

Document D2 relates to the use of calcium dobesilate as an angioprotector (particular case of angiodependent diseases) in some vascular diseases such as diabetes associated with retinopathies.

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Box No. V

Reasoned statement under Rule 43bls.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Claims 1, 2, 5-7 of the application are therefore not considered to be novel based on the disclosures of the above documents (PCT Article 33(2)).

However, as pointed out in the examples of the application, dobesilate exhibits antiproliferative, antiangiogenic, antimigratory and proapoptotic properties of these compounds in tumour cells (non-quiescent) and in chronic psoriasis plaques.

None of the documents mentioned above has been found to contain any reference or information that could lead a person skilled in the art to apply the compound to the treatment of cancer or psoriasis.

Claims 3-4 and 8-14 of the application are therefore considered to comply with the requirements of novelty, inventive step and industrial applicability (PCT Article 33(2), (3) and (4)).